

Title (en)

METHOD FOR PRODUCING BRISTLE PRODUCTS AND BRISTLE PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BORSTENWAREN SOWIE BORSTENWARE

Title (fr)

PROCEDE DE PRODUCTION DE PRODUITS A POILS DE BROSSERIE ET PRODUIT A POILS DE BROSSERIE

Publication

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Application

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Abstract (en)

[origin: WO0203831A1] The invention relates to bristle products comprising at least one support with bristles consisting of a pourable plastic arranged thereon. Said products are manufactured in the following way: the support is provided with perforations, which act as spinnerets and are attached to bristle-forming channels and a plastic melt for the bristles is extruded into the channels by injection moulding from at least one side of the support, (the supply side of the melt), through the perforations, to form the bristles. The perforations have a smallest width of ≤ 3 mm along at least one section of their length and the ratio of said width to the flow path of the melt, said path being constituted by the height of the perforations and the length of the channels, is $\leq 1:5$. The invention also relates to devices for carrying out the method and to bristle products manufactured according to said method.

IPC 8 full level

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WO 0203831 A1 20020117; AP 1605 A 20060502; AP 2003002717 A0 20030630; AT E446697 T1 20091115; AU 8191601 A 20020121; BG 107442 A 20030829; BR 0112332 A 20030902; BR 0112332 B1 20101130; CA 2415140 A1 20030109; CN 1187007 C 20050202; CN 1441644 A 20030910; CZ 2003374 A3 20030618; DE 10033256 A1 20020124; DE 50115197 D1 20091210; EP 1299017 A1 20030409; EP 1299017 B1 20091028; ES 2333101 T3 20100217; HK 1057461 A1 20040408; HR P20020985 A2 20050228; HU P0302917 A2 20031229; IL 153376 A0 20030706; JP 2004502481 A 20040129; JP 4674034 B2 20110420; KR 20030011927 A 20030211; MA 25759 A1 20030401; MX PA02012600 A 20030514; NO 20030084 D0 20030108; NO 20030084 L 20030307; PL 204126 B1 20091231; PL 365630 A1 20050110; RU 2257826 C2 20050810; SK 1722003 A3 20030603; UA 73593 C2 20050815; US 2003163884 A1 20030904; US 7503093 B2 20090317; YU 1003 A 20040903; ZA 200210090 B 20031212

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